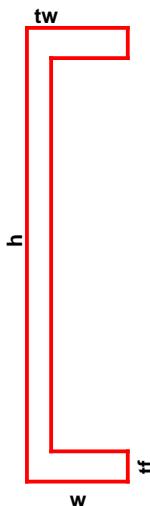


MC18X45.8



Name	MC18X45.8	
Weight	46.70	lb/ft
Height, h	18	in
Width, w	4	in
Web Thickness, tw	0.625	in
Flange Thickness, tf	0.5	in
Area, A	13.5	in ²
Shear Area, SA2	9	in ²
Shear Area, SA3	5	in ²
Inertia, I ₂₂	14.9	in ⁴
Interia, I ₃₃	578	in ⁴
Centroid, x ₀	0.866	in
Centroid, y ₀	9.0	in
Torsional, J	1.45	in ⁴
Radius of Gyration, R ₂	1.050573	in
Radius of Gyration, R ₃	6.543303	in
Section Modulus, S ₂ -Left	4.754307	in ³
Section Modulus, S ₂ -Right	17.20554	in ³
Section Modulus, S ₃ -Top	64.22222	in ³
Section Modulus, S ₃ -Bottom	64.22222	in ³
Plastic Modulus, Z ₂	9.14	in ³
Plastic Modulus, Z ₃	79.2	in ³